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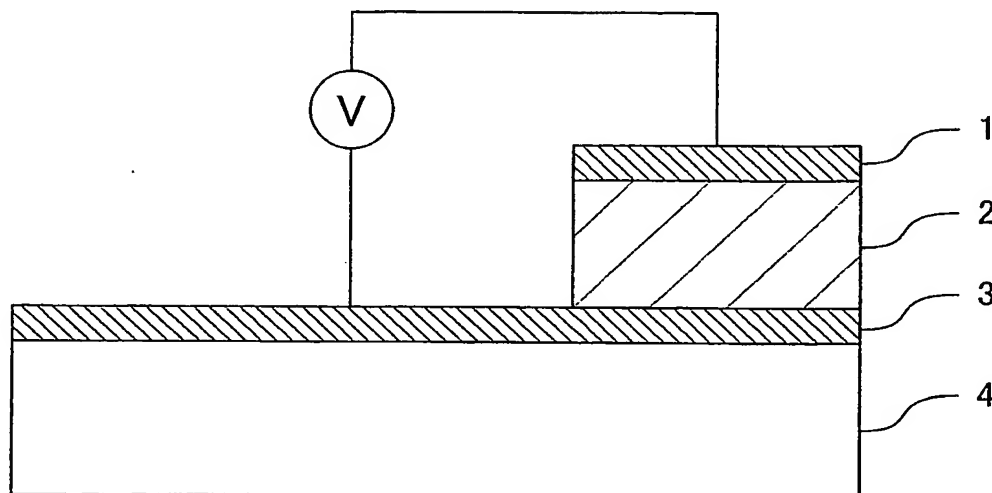
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(54) Title: METHOD FOR INITIALIZING RESISTANCE-VARIABLE MATERIAL, MEMORY DEVICE CONTAINING A RESISTANCE-VARIABLE MATERIAL, AND METHOD FOR INITIALIZING NONVOLATILE MEMORY CIRCUIT INCLUDING VARIABLE RESISTOR



(57) Abstract: An initialization method of the present invention is a method for initializing a material (variable-resistance material) (2) whose resistance value increases/decreases according to the polarity of an applied electric pulse. An electric pulse having a first polarity is applied at least once between first and second electrodes (1, 3) connected to the variable-resistance material (2) such that the potential of the first electrode is higher than that of the second electrode.

WO 2005/059921 A1



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